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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/677,180	10/02/2003	Hiroshi Aoyama	P10021US	8335

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THE RAFFERTY PATENT LAW FIRM
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EXAMINER	
NGUYEN, DONGHAI D	

ART UNIT	PAPER NUMBER
3729	

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04/16/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

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ED

Interview Summary	**Application No.** 10/677,180	**Applicant(s)** AOYAMA ET AL.
	Examiner Donghai D. Nguyen	**Art Unit** 3729

All participants (applicant, applicant's representative, PTO personnel):

(1) *Donghai D. Nguyen*. (3)_____.

(2) *Ryan Rafferty*. (4)_____.

Date of Interview: *09 April 2007*.

Type: a)☒ Telephonic b)☐ Video Conference
c)☐ Personal [copy given to: 1)☐ applicant 2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes e)☒ No.
If Yes, brief description: _____.

Claim(s) discussed: *1*.

Identification of prior art discussed: *US 4,951,388 to Eguchi*.

Agreement with respect to the claims f)☐ was reached. g)☐ was not reached. h)☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *Applicants explain about the different between their invention versus the prior rejection by Eguchi. Also the proposed amendment to the claim languages has been discussed (see attachment). Such changes would possibly overcome the applied prior art and require further search and consideration. Agreement on the patentability of the claims was not reached at this point of time*.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

1. (Currently Amended) A chip transfer apparatus for transferring chips onto works, the apparatus comprising:

a first carrier for carrying chips thereon;

a second carrier for carrying works thereon;

a plurality of end-effectors configured to receive chips from said first carrier and to transfer the chips onto the works carried by the second carrier;

a first plurality of coaxial revolvers, each of which has one of said end-effectors, each of the coaxial revolvers configured to revolve around one stationary common axis independently; and

a plurality of servo drives, each configured to drive a respective one of said coaxial revolvers independently and to change a periodic revolving speed of the respective coaxial revolver,

wherein each of said end-effectors is affixed to a respective one of said coaxial revolvers and all of the end-effectors are distributed in one stationary common circle around said one stationary common axis,

wherein each of said end-effectors ~~rotates~~ revolves independently along the one stationary common circle in sequential order in a periodic motion by the action of said servo drives, and

wherein the servo drives are configured to change a respective revolving speed of each of the end-effectors ~~is~~ independently ~~changed~~ during the periodic motion.